

Abstract of the Disclosure

a 1 An arrangement for decelerating ~~an~~^{and} shingling printed
2 products as they are conveyed from a variable rotary cutter by
3 a high-speed belt conveyor to a slower speed belt conveyor
4 includes at least one depressor wheel at the entry end of the
5 slower speed conveyor. The depressor wheel carries a plurality
6 of depressor members in circumferential positions corresponding
7 to the circumferential positions of cutting knives on the rotary
8 cutter. The leading edge of each printed product entering the
9 slow speed conveyor enters a headstop nip which reduces the speed
10 of the entering product while its trailing edge is simultaneously
11 momentarily depressed by a depressor on the rotating depressor
12 wheel to enable shingling between successive products. A brake
13 pad cooperates with the depressors to decelerate the printed
14 products to a speed close to the surface speed of the slower belt
15 conveyor. Successive printed products are thus caused to shingle
16 and decelerate irrespective of unequal spacing between the
17 conveyed printed products due to removal by the cutter of
18 dissimilar size transverse blanket gaps or non-image waste
19 strips.